



San Benito County Public Health Services

COVID-19 UPDATE: SEPTEMBER 20, 2022

Epidemiologic Week 38: 9/18/2022 - 9/24/2022



This report is based on only available data; not all results have been received.

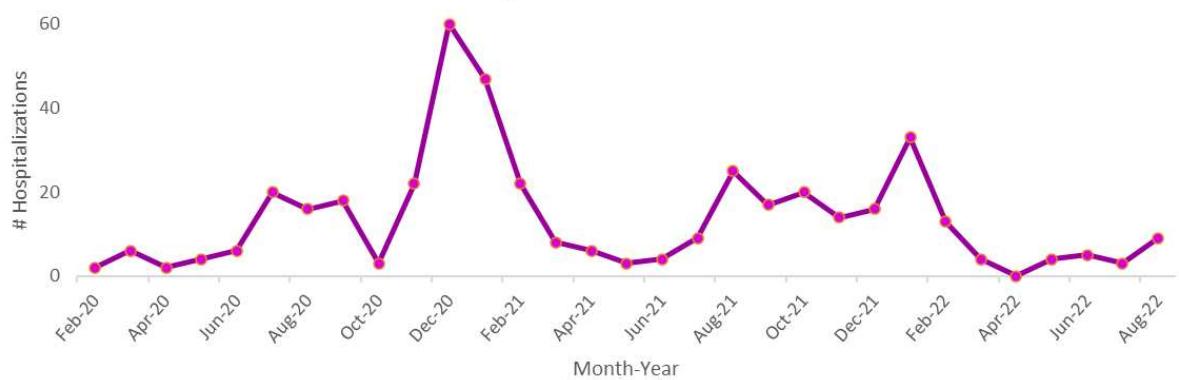
COVID-19 Snapshot

Total Cases	Active	Recovered	Deaths
16,229	26	16,097	106
Hospitalizations	Primary Dose Completed	Booster Dose Received	
426	44,665 (72%)	24,490 (40%)	

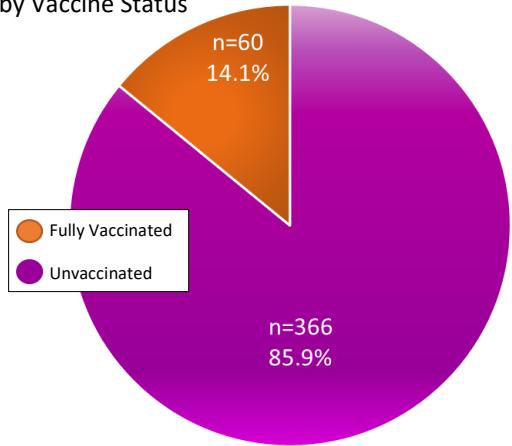
San Benito County Public Health Services continues to work with medical providers to identify and test individuals who meet criteria for COVID-19 testing. There have been 188 new cases reported since September 13 for a total of 16,243 confirmed cases of COVID-19 in SBC. Confirmed cases include patients who have since recovered and those who are deceased. Fifty-three percent (8,530 of positive cases reported) were female; ages ranged from 1 day to 101 years (median: 36 years). All results included in this update are current to September 21, 2022 at 4:00PM.

COVID-19 Hospital Data

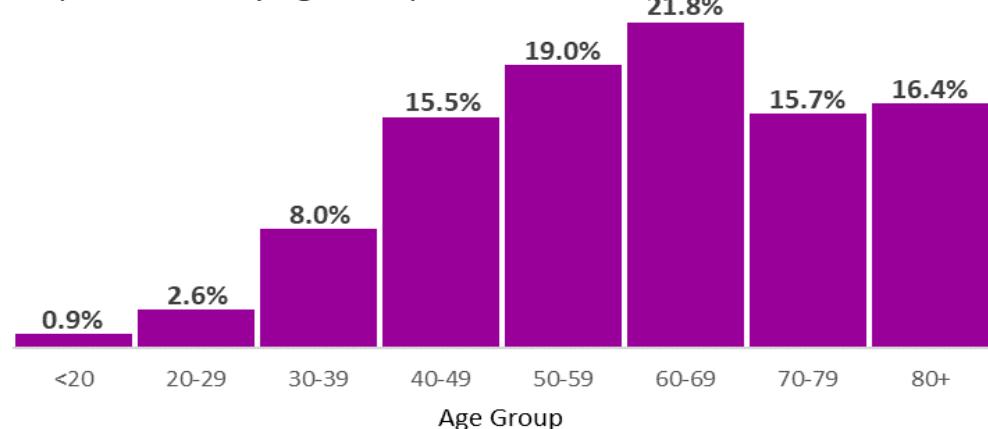
Demographics
Total: 426 Hospitalized
Average Age: 61.2 Years
Range: 2 Months - 100 Years
Male: 54.5% (n=232)
Female: 45.5% (n=194)



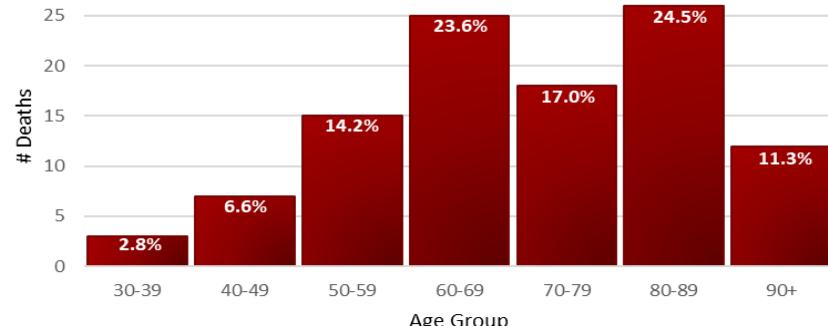
Hospitalization by Vaccine Status



Hospitalizations by Age Group



COVID-19 Deaths



Total COVID-19 Deaths: 106

Unvaccinated Deaths: 93	Fully Vaccinated Deaths: 13
Male 68.9% (n=73)	Female 31.1% (n=33)
Average Age: 71.0 Years	Range: 38-101 Years



San Benito County Public Health Services

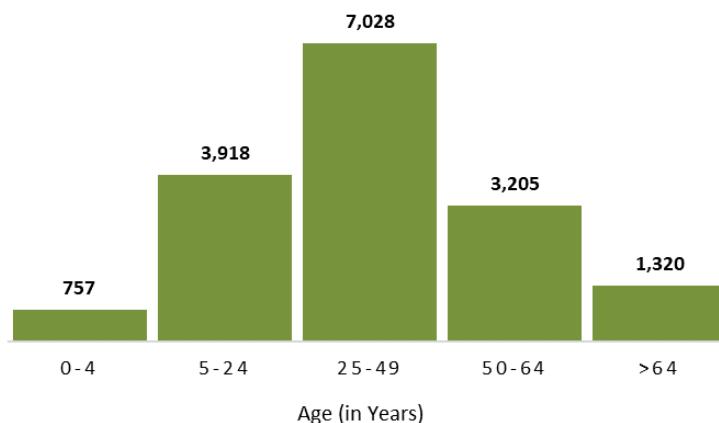
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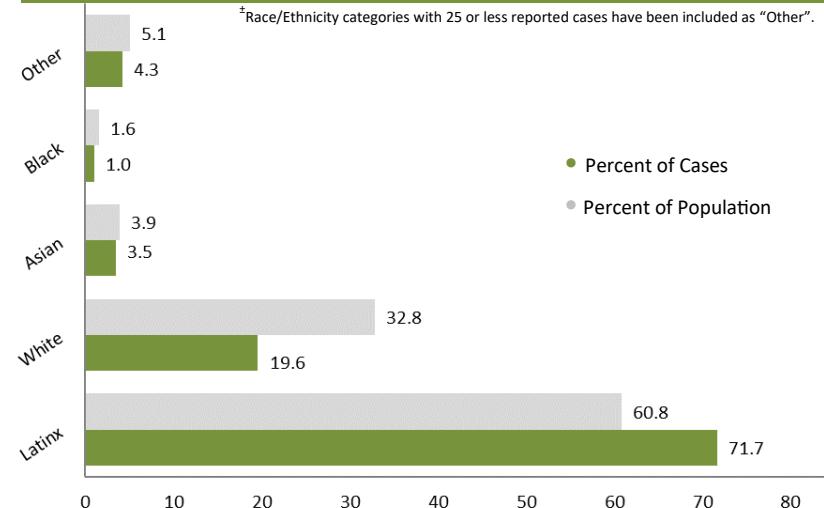


Case Demographics

SBC COVID-19 Cases by Age Group



Cases in SBC by Known Race/Ethnicity⁺



Cases in SBC by Vaccine Status											
Test Date	5/30 - 6/26	6/27 - 7/24	7/25 - 8/21	8/22 - 9/18	9/19 - 10/16	10/17 - 11/13	11/14 - 12/11	12/12 - 1/8	1/9 - 2/5	2/6-Current	
Vaccinated	4	24	85	94	89	94	108	1,083	1,578	2,433	
Unvaccinated	27	111	309	239	212	169	243	758	970	1,097	

Variants

- B.1.1.7 (Alpha)** variants are associated with approximately 50% increased transmission, and likely with increased disease severity and risk of death. Appears to have minimal impact on the effectiveness of treatments with antibodies.
- B.1.351 (Beta)** variants are associated with approximately 50% increased transmission. May have moderately decreased response to antibody treatments.
- B.1.427 and B.1.429 (Epsilon)** are associated with approximately 20% increased transmission. There is significantly reduced efficacy of some antibody treatments.
- B.1.526 (Iota)** is associated with significantly reduced efficacy of some antibody treatments.
- P.1 (Gamma)** variants may have moderately decreased response to some antibody treatments.
- B.1.617.2 (Delta)** variants are associated with approximately 200% increased transmission. May have moderately decreased response to antibody treatments (Delta totals include all Delta AY sublineages).
- B.1.1.529 (Omicron)** variants are associated with increased transmission. San Benito County reported its first case of the Omicron variant on December 8, 2021 (Omicron totals include all BA sublineages).

Variants Identified in SBC

Variant	# Cases
B.1.1.7	26
B.1.351	3
B.1.427/B.1.429	287
B.1.526	6
P.1	8
B.1.617.2	550
B.1.1.529	506

Cases by City/Zip Code and County

County	Cases	Population	Rate *
San Benito	16,229	64,022	17.0
Santa Clara	430,547	1,967,585	12.9
Santa Cruz	62,782	270,861	13.7
Monterey	95,104	448,732	7.9
Merced	71,732	288,420	11.7

*County rate is a rolling 7-day average and per 100K population.

